Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 07 Mar 2022 until 23:59 on Tuesday 08 Mar 2022

Forecast Issued on Monday 07 Mar 2022 at 03:49

Confidence: High for settled conditions on Monday with winds picking up into the week, but lower for detail of rain through the period.

Headline for Monday 07 Mar 2022: Dry with bright spells. Cold at height in freshening summit winds.

Mountain weather hazards on Monday 07 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Monday 07 Mar 2022

Weather: Dry with bright spells into the day. These most widespread from mid-afternoon with increasingly fresh to strong southeasterly winds. Just the chance of some fog around the foothills briefly around dawn.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Good or very good visibility in general with cloud bases largely above summits but infrequently lowering towards 500-600m so perhaps briefly very poor over the highest peaks particularly into the evening. Some poor or very poor visibility likely in any early fog at low levels.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 07 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 E	19/24 E	19/25 E	19/25 SE	21/29 E	28/37 SE	29/39 SE
300	4/6 E	6/9 E	14/20 E	16/23 SE	14/23 E	18/28 SE	17/28 SE
Valley	4/11 E	6/13 E	12/21 SE	13/23 SE	13/26 E	15/30 SE	11/24 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	1/-6	2/-4	1/-6	-2/-11	-2/-11
300	1/-1	2/-1	4/-1	5/0	4/-1	0/-6	1/-6
Valley	0/-2	3/1	5/2	6/3	4/-0	1/-4	1/-3
Freezing Level*	300m	400m	500m	600m	500m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind chill across higher summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 07 Mar 2022	n/a	n/a	n/a

Forecast for Tuesday 08 Mar 2022

Weather: Dry and bright for much of the day, then cloud increasing from west during the evening, bringing the chance of some patchy rain for a time.

Maximum wind: South or southeast mean 20-25mph with gusts reaching 35-40mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 95% becoming 60% during the evening.

Low cloud and visibility: Good or very good, perhaps briefly moderate in later rain, very poor in cloud with bases infrequently lowering 600m in later rain.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 11 Celsius during the afternoon
At 600m: Minus 3 Celsius increasing plus 3 Celsius
Freezing level: 200m increasing to lift above all summits

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